

SECTION 07 0155

ROOF PATCHING

LANL MASTER SPECIFICATION

When editing to suit project, author shall add job-specific requirements and delete only those portions that in no way apply to the activity (e.g., a component that does not apply). To seek a variance from applicable requirements, contact the ESM Architectural POC.

When assembling a specification package, include applicable specifications from all Divisions, especially Division 1, General Requirements.

Delete information within "stars" during editing.

Specification developed for ML-3 projects. For ML-1 / ML-2, additional requirements and QA reviews are required.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. [Reworking existing roofing at area of penetration installation.]

1.2 SUBMITTALS

- A. Submit the following in accordance with the requirements of Section 01 3000, Submittal Procedures:

- 1. Installation instructions for proposed materials.

1.3 QUALITY ASSURANCE

Use a roofing installer that has successfully performed at least 5 projects of similar type and scope.

1.4 ENVIRONMENTAL REQUIREMENTS

- A. Do not remove existing roofing membrane when weather conditions threaten damage to the building, its contents, or the intended continued occupancy of the building.
- B. Maintain weather protection of roof and enclosed spaces below during removal and patching operations.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Single-ply roofing membrane flashing: Hypalon, 40 mil. thick.

- B. Elastomer mastic: Tremco "Polyroof".
- C. Reinforcing mesh: Tremco "BURmesh".
- D. Cant strip: 4in. fiber cant.
- E. Metal Flashing: 26 gauge galvanized sheet metal.
- F. Resaturant: Tremco "Ecolastic".

PART 3 EXECUTION

3.1 MATERIALS REMOVAL

- A. Remove existing roofing materials within area of [penetration].
- B. [Remove loose aggregate within 10 feet of roof penetration.]

3.2 RE-ROOF OPERATIONS

- A. For curb installations, set cant strip around curb perimeter in bed of mastic.
- B. For curb installations, install upper edge of roofing membrane under sheet metal flashing at top of curb and extending out onto existing roofing.
- C. Seal joint between patch roofing membrane and existing roofing with 5 courses of mastic and mesh.
- D. [Apply resaturant to existing roofing where loose gravel is removed.]
- E. [Rebroadcast gravel over resaturated area.]

END OF SECTION

Do not delete the following reference information:

FOR LANL USE ONLY

This project specification is based on LANL Master Specification 07 0155 Rev. 0, dated January 6, 2006.